Applicants: Anna Marie Pyle and Eckhard Jankowsky

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (currently amended) A method for detecting the release of a single-stranded RNA from an RNA duplex which comprises:
 - admixing an RNA helicase with the RNA duplex under (a) conditions permitting the RNA helicase to unwind the RNA duplex and release single-stranded RNA therefrom, wherein the RNA duplex is (i) present in an amount within the nanomolar range between 0.1-100 nanomolar and (ii) comprises a first RNA having a first fluorescent label attached at its 5' end and a second RNA having a second label attached at its 3' end, wherein the first fluorescent label produces a luminescent energy pattern when the first RNA is present in the duplex, which differs from the luminescent energy pattern the first RNA produces when it is not present in the RNA duplex; and
 - (b) detecting a change in the luminescent energy pattern produced by the first label so as to thereby detect release of single-stranded RNA from the RNA duplex.

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- 2. (currently amended) The method of claim 1, wherein the duplex RNA is initially present at a concentration of 1-3 nanomolar.
- 6. (previously presented) The method of claim 1, wherein the first label is fluorescein isothiocyanate and the second label is rhodamine isothiocyanate.
- 7. (previously presented) A method of measuring the rate of release of a single-stranded RNA from an RNA duplex which comprises determining whether the single-stranded RNA is released from the RNA duplex at predetermined time intervals according to the method of claim 1, and determining therefrom the rate of release of the single-stranded RNA from the RNA duplex.
- 8. (original) A method of determining whether a compound is capable of modulating the release of a single-stranded RNA from an RNA duplex by an RNA helicase which comprises detecting the release of the single-stranded RNA from the RNA duplex according to the method of claim 1, wherein the compound is added to the mixture of step (a).